IN THE CLAIMS:

1-2. (Cancelled)

3. (Previously Amended) A device for supplying electricity to a motor vehicle, comprising:

a chargeable battery;

a voltage transformer control device having a first end connected to said chargeable battery;

a capacitor for charging said chargeable battery connected to a second end of said voltage transformer control device wherein the maximum voltage of said capacitor is greater than a maximum voltage of said battery and wherein said transformer control device discharges said capacitor from a time that a voltage of said capacitor reaches said maximum voltage of said capacitor until said voltage of said capacitor is substantially equal to said maximum voltage of said battery.

4. (Previously Amended) A device according to Claim 3, wherein said capacitor is discharged until the voltage of said capacitor is equal to the value of the actual voltage of the battery.

5. (Previously Amended) A method for supplying electricity to a motor vehicle, comprised the steps of:

providing a rechargeable battery having a nominal voltage;

providing an energy accumulator having a maximum voltage which is substantially greater than said nominal voltage;

discharging said energy accumulator from a time that a voltage on said accumulator reaches said maximum voltage of said accumulator until the voltage of said accumulator is substantially equal to said nominal voltage of said rechargeable battery.

6. (Cancelled).